

**Preliminary Amendment of U.S. National Stage for International Application
PCT/EP2004/003785, Filed April 8, 2004**

In the Specification:

Please amend the English language translation submitted herewith of instant Specification, without prejudice, as follows:

Please delete all text above line 2 of page 1, including the heading “Field of the Invention” and replace the deleted matter with the following new section headings, subheadings, title of the invention and cross-reference information:

--TITLE OF THE INVENTION

Radiation-Cured Substances

CROSS-REFERENCE TO RELATED APPLICATIONS

This application claims priority under 35 USC § 365 from International Application PCT/EP2004/003785, filed on April 8, 2004, which claims priority from German Application No. 103 17 646.2, filed on April 17, 2003.

BACKGROUND OF THE INVENTION

Technical Field--

At page 1, line 14, please delete the section heading “Prior Art”, and insert the following new section heading:

--Background Art--

At page 2, line 4, please delete the section heading “Description of the Invention”.

At page 2, between lines 12 and 13, please insert the following new section heading:

--BRIEF SUMMARY OF THE INVENTION--

At page 2, line 25, please insert the following new section heading and subheading:

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--DETAILED DESCRIPTION OF THE INVENTION

Process Steps--

Please replace the paragraph beginning on page 2, line 26 (i.e. after the subheading "Step a)") and ending on page 3, line 9, with the following paragraph:

--The compounds (I) to be used in the esterification step a) are hydroxyl compounds. These compounds contain by definition at least one and preferably two or more OH groups per molecule. In a preferred embodiment, reaction products of polyols with α,ω -dicarboxylic acids are used as the hydroxyl compounds (I) in step a). α,ω -dicarboxylic acids containing a total of 2 to 10 carbon atoms are preferred, adipic acid being particularly preferred. Particularly suitable ~~phenols~~ polyols are, for example, glycerol and trimethylol propane and, more particularly, products of the addition of 1 to 10 mol ethylene oxide onto glycerol and/or trimethylol propane. A reaction product of 2 mol of an addition product of TMP-3EO and 1 mol adipic acid (TMP-3EO being an addition product of 3 mol ethylene oxide onto 1 mol trimethylol propane) is most particularly preferred as the hydroxyl compound (I).--

At page 11, line 1, please delete "CLAIMS", and replace it with:

--What is claimed is:--

On a separate, new page 13, please add the following new section heading and paragraph containing an Abstract of the Disclosure:

--ABSTRACT OF THE DISCLOSURE

The disclosed invention relates to mixtures of acrylic or methacrylic compounds containing 1 to 35% by weight and, more particularly, 5 to 25% by weight epoxy (meth)acrylates, based on the total quantity of acrylic or methacrylic compounds, the mixture being obtainable by a process comprising the following steps: a) esterifying hydroxyl compounds with acrylic acid and/or methacrylic acid, b) optionally adding more acrylic acid and/or methacrylic acid and c) reacting the excess acrylic acid and/or methacrylic acid with

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epoxides in the presence of the esterification product of a). Said mixtures are suitable for use as radiation-curable compositions for coating systems, such as paints, coating compositions and the like.--